x SHELL\_A(3,3) = RESHAPE ( (/(ZERO, I=1,3\*3)/), (/3,3/) )

! Membrane force resultant/strain matrix for shell elems

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🗸SHELL\_B(3,3) = RESHAPE ( (/(ZERO, I=1,3\*3)/), (/3,3/) )

! Membrane/bend coupling force resultant/strain matrix for shell elems

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🗸SHELL\_D(3,3) = RESHAPE ( (/(ZERO, I=1,3\*3)/), (/3,3/) )

! Bending force resultant/strain matrix for shell elems

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SHELL\_ALP(6,MEMATC) = RESHAPE ( (/(ZERO, I=1,6\*MEMATC)/), (/6,MEMATC/) )

! Effective CTE matrix for shell elems (used for MAT2 output on PCOMP)

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x SHELL\_AALP(3) = (/(ZERO, I=1,3)/)

! Membrane matl matrix times CTE matrix for shell elems

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SHELL\_BALP(3) = (/(ZERO, I=1,3)/)

! Mem/bend coupling matl matrix times CTE matrix for shell elems

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SHELL\_DALP(3) = (/(ZERO, I=1,3)/)

! Bending matl matrix times CTE matrix for shell elems

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SHELL\_TALP(2) = (/(ZERO, I=1,2)/)

! Transverse shear matl matrix times CTE matrix for shell elems

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🗸SHELL\_T(2,2) = RESHAPE ( (/(ZERO, I=1,2\*2)/), (/2,2/) )

! Transverse shear force resultant/strain matrix for shell elems

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SHELL\_PROP\_ALP(3) = (/(ZERO, I=1,3)/)

! matrix resulting from material matrix times coeff of thermal

expansion vector times a property (thickness or bending MOI)